Volatile memory

From Wikipedia, the free encyclopedia

Volatile memory, poletic **volatile storage**, is computer memory that requires power to maintain the stored information, unlike non-volatile memory which does not require a maintained power supply.

Most forms of modern random access memory are volatile storage, including dynamic random access memory and static random access memory. Content addressable memory and dual-ported RAM are usually implemented using volatile storage. Early volatile storage technologies include delay line memory and Williams tube.

See also

- Memory refresh

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Categories: Computer memory | Computer storage | Computer storage stubs

Memory types

Volatile

- DRAM
- eDRAM
- SRAM
- 1T-SRAM
- Upcoming
  - Z-RAM
  - TTRAM

Non-Volatile

- Flash memory
- ROM
  - PROM
  - EPROM
  - EEPROM
- Upcoming
  - FeRAM
  - MRAM
  - PRAM
  - SONOS
  - RRAM
  - NRAM

Exhibit A